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654.927, 654.928

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1997 . " [1].

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, , [1] (, ,

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, [1] ,

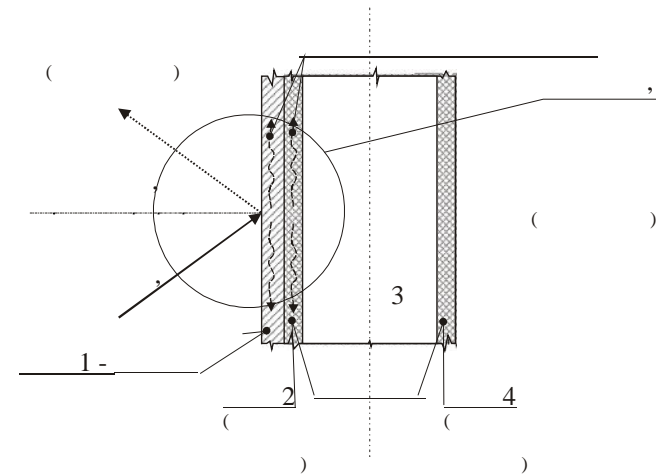
, [1], , [2], ?

, Θ , i ,

, [1], (2, (, 4)), (3).

, (1).

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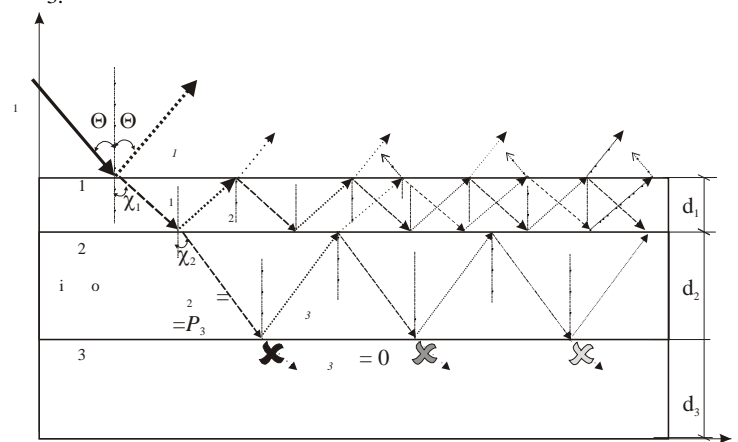
1.
 [1]
 (1-3),
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 (3) .
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 (; 2); (; 3).
 ,
 d_1, d_2, d_3 ; (
 d_3 ;(
 : [1]
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 d_3).
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 2 3, d_3);

$$1 = e^{i \cdot k_0 (-x \cdot \sin \Theta + y \cos \Theta)}$$

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$\rho_1 = \rho_1 \cdot e^{i \cdot k_0 (-x \cdot \sin \Theta - y \cos \Theta)}$,
 $\tau_1 = \tau_1 \cdot e^{i \cdot k_0 (-x \cdot \sin \Theta + y \cos \Theta)}$
 : 1 I ; 1 - , 1.
 , 2 (= 1) 2 i 1; 2 - ,
 « 1 - 2», 3 i
 2. 3 (= 2) 1; 3 (0) - ,
 « 2 - 3», 3.



. 2. [1].
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 1 2.

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 (2 , 2 i , 2 = 1).
 « 1 - 2»
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 3 i 3 = 2 0, , i

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$$e^{i \cdot k_0 (-x \cdot \sin \Theta - y \cos \Theta)}$$

$$e^{i \cdot k_0 (-x \cdot \sin \Theta + y \cos \Theta)}$$

$$e^{i \cdot k_0 (-x \cdot \sin \Theta - y \cos \Theta)}$$

$$e^{-z \cdot i \cdot k_0 \cdot d_2 \cdot \cos \Theta}$$

$$\varphi = 2 \cdot k_0 \cdot d_2 \cdot \cos \Theta.$$

$$\frac{\partial \varphi}{\partial k x_x}$$

$$\left| \frac{\partial (\sqrt{k_0^2 - k_x^2})}{\partial k x_x} \right| = y d_2 \operatorname{tg} \Theta.$$

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$$\Delta = y d_2 \operatorname{tg} \Theta.$$

[3], [4]; [5].

2, d_2 , $d_1^{3 i}$,
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 " - I'' , I'' ; " I - χ_1 χ_2
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 d_2 , d_2
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$$\frac{\partial P(y)}{\partial y} = -2 \cdot \tau_1 \cdot k_0 \cdot \cos \theta \cdot \sin(k_0 \cdot y \cdot \cos \theta)$$

$$\frac{\partial P(y)}{\partial y} = 0$$

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$$\frac{\partial P(y)}{\partial y} = -2 \cdot \tau_1 \cdot k_0 \cdot \cos \cdot \sin(k_0 \cdot y \cdot \cos \cdot) = 0$$

$$\sin(k_0 \cdot y \cdot \cos \cdot) = 0$$

$$k_0 \cdot y \cdot \cos \cdot = \pi \cdot K, \quad -$$

$$: (\cdot = 0; 1; 2; 3; \dots n) - (\cdot =$$

$$=$$

$$\Theta = d_2:$$

$$k_0 \cdot d_2 \cdot \cos \cdot = \pi \cdot K$$

$$\cos \cdot = \frac{\pi \cdot K}{k_0 \cdot d_2}$$

$$[6, 7, 8].$$

$$[5],$$

$$[1].$$

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